

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: #19 Mk II, TCS-10, etc. sale (W6RIC relaying)
Message-ID: <Pine.SUN.3.91.960225142553.29557A-100000@coyote.rain.org>

Paul Schneider, N6XW, was one helluva fine guy. A Navy radioman before WW2, later a pilot in WW2, there wasn't much he didn't know about. He also had an eye for fine equipment. His son Richard, NE6F, is selling a few of the better pieces from the estate:

1. Probably the most complete #19 Mk II wireless set in the U.S. Everything you can think of and multiple spares. Price will probably match.
2. Gorgeous TCS-10 transmitter, with homebrew AC supply. Paul was a real pro, so that supply ought to be a killer.
3. Military WW2 dynamotors. I remember seeing a couple PE-103 supplies for the BC-654, with the canvas case, etc. Don't recall what others he has.

Contact: Richard Schneider, NE6F, (805) 498-1830 between 9AM-9PM Pacific time. Most of the time, you'll have to leave a voicemail reply. His sons are on the Internet, but he's not up there yet. Maybe soon. He was real interested in an ELECTRIC RADIO subscription, so I gave him the data. We'll see...

He has a lot of tubes and misc. parts, old test equipment, etc., which I advised him to list in ASCII file format before sending a message via his son's account to BA. I also recommended he indicate only the general kinds of equipment that would be on the list, citing bandwidth considerations. Gave him Jack's email address in case he waits till after formal subscription is inaugurated. BTW: He has quite a few old (WW2, and pre/postwar) CRT's available. Again, you'll have to wait for his lists of parts. Good luck, and good hunting!

73.....Ray, W6RIC

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)
Subject: 380 pf. capacitor recipe...
Message-ID: <825376968.7414956@AppleLink.Apple.COM>

Greetings all -

I neglected to mention the recipe for the 380 pf capacitor, so here it is:

Dielectric: 3M CG 3300 Laser printer film (clear) 1.5" x 4"

Plates: 3M No.1182 copper foil tape (.0014" thick x .75 wide)
Tape has .0009" thick acrylic adhesive on one side.

Cut two pieces, each 60 mm long (2.36")

Tack solder a 6" long piece of 28 guage hook up wire to the same corner of both pieces of copper foil tape, remove the protective backing, and apply to opposite sides of the laser film, so the two pieces of copper tape are exactly back to back and centered in the middle of the laser film. Run your fingernail over the foil to securely press it down and work out all the wrinkles.

Finally, apply clear scotch tape over the top of each side of the assembly, to provide external insulation for the plates.

The Sencore says this configuration has a capacitance of 382 pf. which should work nicely with the previously constructed coil (115 turns on 4" long x 1" dia Sched. 40 PVC pipe). and it's resulting 242 uH inductance.

I was able to buy 1/4" telscopic square brass tubing at the local hardware emporium, which made for two very nice sliders for the coil. Building the coil and slider assembly and capacitor has been much more fun than just going out and buying them. With any luck we'll be tuning and grooving tonite...

(I may even have a piece of iron pyrite in a drawer here somewhere.)

-df

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996
From: FRANCIS4@AppleLink.Apple.COM (Francis, Dexter)
Subject: 6926 tube specs/data???
Message-ID: <825372760.9722443@AppleLink.Apple.COM>

Greetings all -

The crystal radio project is coming along well - with the presentation being this thursday, it needs to. We've ended up using commonly available hardware and have even built our own 400 pf capacitor out of aluminum foil, paper and scotch tape. (It's 24 x 44 mm [1056 square millimeters] or so.)

Being this close to completion, I couldn't help but think ahead to what's next. (Yes, vacuum valves!) I just happen to have a "spare" 6926 (6296?) triode, scabbed out of one of those infamous \$5 Halted scope probes, and was considering using it as the detector, as it has a 3V filament and could probably run off "D" cell batteries for a while. Does anyone have a tube handbook with the curves in it for this little beast? A Fax'd or xerox copy would be most useful.

-df

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: Andy Miller: Correction
Message-ID: <Pine.SUN.3.91.960225094047.12167C-100000@coyote.rain.org>

Andy's call is KD6TKX; my apologies to "KD6TX" -- it was a typo.
73.....Ray, W6RIC

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: BA Junkers Contact List?
Message-ID: <199602252259.0AA10177@desiree.teleport.com>

>Would anyone be interested in archiving a contact list of BA junker owners
>who are willing to sell parts?
>
>Electric Radio has such a list. The only problem I've noticed is with folks
>selling their junkers and not updating the list. I think the way to handle
>that is flush the list once a year.
>
>Any interest?
>73 de tom

I think such a list is a great idea. I tried to pattern one for Tek scopes after the one ER has for BAs but I had the same problem with people not updating thier information. Maybe the person who steps forward to handle this list would consider a section for Tek stuff?

Stan W7NI@teleport.com

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996
From: Bill Meara <w.meara@server1.codetel.net.do>
Subject: Re: BA's & soldering
Message-ID: <9602251630.AA19159@server1.codetel.net.do>

>At 08:10 PM 2/24/96 -0600, Larry wrote:
>>0 Yea keepers of the firebottle flame here my plea and bless all thy
>>faithful with the wisdom of the ages:
>>Years ago I was taught enough was enough, and more was too much.
>>The instructor at the NASA spec. soldering school I went through would
>>of failed EVERY joint in my National and Halli. receivers.
>
>Larry: Was that course presented at the Army Signal School at Fort Gordon?
>I went through a soldering course there in 1977. They made a very big deal
about the NASA specs! Sounded very cool! Standards were high - I still have
the "PCB REPAIR COURSE" certificate. I agree. Lots of the commercial gear
I see would have flunked. Opened up my transistorized Astatic D-104 - the
soldering was HORRIFYING! Somebody out there should be made to do 20 push-ups!
>
>73! Bill N2CQR/HI8 "HISPANIOLA HALLICRAFTERS">
>w.meara@codetel.net.do
>

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996
From: w7ni@teleport.com (Stan Griffiths)
Subject: Re: BA's & soldering
Message-ID: <199602252259.0AA10428@desiree.teleport.com>

>Am I the only one who thinks most of the manufacturers used
>way to much solder on almost every connection?

>Years ago I was taught enough was enough, and more was too much.
>The instructor at the NASA spec. soldering school I went through would
>of failed EVERY joint in my National and Halli. receivers.
>(This was the same guy who failed my first 21 bifurcated terminals :-(
>Among other things I was taught that if you could not see the outline
>of every wire in a joint, and all the outlines a just enough "wetting" to
>"fillet" to the connector, you had used too much!
>The joint should also be "bright and shiney" a curved mirror.

I can certainly go along with the "bright and shiney" part since a dull

solder connection usually indicates inadequate heat, movement of the wires during cooling, or dirt in the connection.

Is there more to the "too much solder is bad" than aesthetics? I think it also matters whether or not you are depending upon the solder to keep the wires in place. Most of the BA rigs discussed here used wires that were twisted through ground lug holes and tube socket eyes. The solder was used to make electrical connection only and not for mechanical strength.

A noteworthy exception is early Tek scopes that avoided twisted wires whenever possible. The theory was that if there wasn't adequate solder to hold the wires mechanically, you were better off with the connection coming completely loose so you could find and repair it. A twisted wire connection with a poor solder connection is really an intermittent bitch to find. I don't know how you could pile six wires in a ceramic strip notch and see the outline of the bottom wire . . .

Stan W7NI@teleport.com

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996
From: "Lahlum Ross" <ross_lahlum@msmail.wes.mot.com>
Subject: RE: BA's & soldering
Message-ID: <9602260515.AA09230@kay.wes.mot.com>

>Am I the only one who thinks most of the manufacturers used
>way too much solder on almost every connection?

>Years ago I was taught enough was enough, and more was too much.

Larry,
I learned the same thing from an early mentor of mine who went thru NASA training in the sixties, and following those guidelines has served me well over the ensuing years. It's shameful how many people who should know better (and I mean professional solderers, the folks on the line doing it every day) just never received any decent training. Engineers like myself are even worse off unless someone like good ol' Rosiak (bless his soul) has shown them the correct way. I don't know if any decent soldering classes even exist nowadays.

Anyway, there's another advantage of old military equipment for you - you can be fairly sure that the soldering was done right.

Eutectically,
Ross/KB9JJR

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996
From: bwb%sirius.triad.com%triada.triad.com@triada.triad.com (Bruce Bacon)
Subject: BA's and Solder
Message-ID: <9602261832.AA04012@sirius.triad.com>

Greetings,

Have to agree with the general over-use of solder on BA's I've known and loved. My SX28, in particular had many large unnecessary blobs everywhere. I recall a saying one of my old Air Force buddies was fond of repeating... "The bigger the glob, the better the job" The three week Air Force course "Microminiature Soldering Techniques" I took taught me better. Shoulda signed him up for that class.....

73,

-Bruce Bacon (replies to - bwb@triad.com) Livermore, CA

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996
From: arc5@ix.netcom.com (David Stinson)
Subject: BC-348 Overprices and Other Banditries.
Message-ID: <199602261614.IAA07225@ix3.ix.netcom.com>

Michael Crestohl, KH6KD/W1 (mc@shore.net) wrote:
>...I spotted a BC-348 that looked pretty clean with a
>nice home-brewed power supply installed where the
>dynamotor had been. Price: \$350.00! He was serious.
>...He tried to tell me that the BC-348 didn't have a
>dynamotor, and other associated BS. I tired of wasting
>my time with this idiot/crook and moved on.

There are getting to be more and more of these clowns around and, unfortunately, they burn the young up-n-coming right out of our hobby. Perhaps these creatures have been too lazy and short-sighted to save for retirement, or perhaps they're just consumed with greed and have no conscience about screwing the young and the foolish.

The BC-348, when aligned properly with a matched speaker, is one fine old receiver. Even though I collect them and would profit from higher prices, let me set the record straight: BC-348s in *ANY* modified condition are *NOT RARE*. They are sitting in garages everywhere. Don't pay over about \$70 for a unit with holes drilled in it, no matter how nice it looks or works. Filling

those holes in a way that looks good is a major pain.
Most bone-headed chop jobs are worth about \$50 or less.
If I could find one NEW IN THE BOX and I mean unopened,
I might pay \$225 because one in that condition *IS* rare.
I'd pay that much because, if I lost my job and my kids
were hungry, I could get that much for it. Between
those two, let your conscience guide you.

73 DE Dave Stinson AB5S
arc5@ix.netcom.com

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996
From: Sandy Blaize <70401.134@compuserve.com>
Subject: BC-348 Overprices and Other Banditries.
Message-ID: <960226184537_70401.134_IHD123-3@CompuServe.COM>

Dave,

Three cheers for that! I couldn't agree more! While I
don't want to "give away" anything in demand, there's too many
"scalpers" out there that have the younger more recent 'hams'
fooled into believing anything with tubes should be expensive!
I remember back in the 50's a BC-348Q was \$59.95 brand-new
in a sealed box! This was 'top dollar' back then! There does
seem to be a 'lack of conscience' nowadays. If I can buy something
for \$25 and sell it for \$50, I figure I'm doing VERY well unless I spend
many, many hours completely refurbishing a 'wreck'! There's a
few who want to buy for \$25 and sell for \$250! That's greed.

The "ARC-5/SCR-274N" series are selling for rather
high prices now. They were as common as fleas on dogs!
The "racks" we used to disdain and throw away, because nobody
wanted them, seem to be going for truly obscene prices.

To think I could have bought a Collins 75A-4 from a
friend less than 5 years ago for a mere \$75 with CW filters etc.
in truly pristine condition, and an SX-88 in nice shape for \$50
makes me ill now! Now these receivers are totally out of reach for
me. I feel like a high school kid again with limited funds!

73,

Sandy W5TVW

~~~~~  
Boat Anchors cleected, restored, modified and used!

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Andy Wallace <wallace@mc.com>

Subject: BC-348 parts needed  
Message-ID: <9602252042.AA18590@kali>

Hello!

It turns out the BC-348 I bought last week is not a  
-Q model even though the inside of the cover is for  
that model. My radio has the ANT ALIGN knob, so it is  
an early set.

I could use:

- nameplates for the BC-348 (manuf and model unimportant) and LS-3
- one knob for the BC-348
- AVC/MVC lever for the BC-348

Would be glad to pay \$5 apiece for the knob and lever.

73,  
--Andy  
wallace@mc.com

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: "Edward J. Zeranski" <ejz@nosc.mil>  
Subject: Re: Bibliographical material request  
Message-ID: <2.2.32.19960226152623.0076badc@marlin.nosc.mil>

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Content-Type: text/plain; charset="us-ascii"

At 16:38 2/18/96 -0600, you wrote:

>Hello everyone:

>

>I am assembling a database of bibliographical material on BA theory

>(tubes, transmitters, receivers.....),

>

>

>So I am soliciting material from BA list readers. Send me your

>references, favorite books, sources, periodical references, article

>references, anecdotes, etc. Any and all contributions are gratefully

>accepted.

>

>

>OK, here is my list

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M9F8N("! )(&-A;I)T(&9I;F0@=&AE(&]N92!O<B!T=V@22!H860@;VX@='5B  
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M````-#/\$>"AL1KA````#L`P#^\_PD`!@  
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,  
end

--====\_825377183==\_  
Content-Type: text/plain; charset="us-ascii"

Edward J Zeranski NRaD code 821 ejz@marlin.nosc.mil  
619 553-2640  
DSN 553-2640  
FAX 553-1394  
STU-III 2640

--====\_825377183==\_--

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: don merz <71333.144@compuserve.com>  
Subject: Brimar ELL80 ??  
Message-ID: <960226174440\_71333.144\_DHB68-1@CompuServe.COM>

I have a "Brimar Valve" ELL-80 in the original box. What, pray tell,  
is it good for? American equivalent? Anyone need this?  
Thanks.  
Don, N3RHT  
71333.144@compuserve.com

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: dt@scotborders.co.uk (David Topham - Arts & Science)  
Subject: Re: Brimar ELL80 ??  
Message-ID: <9602261825.AA20731@scotborders.co.uk>

>From Don, N3RHT:

>I have a "Brimar Valve" ELL-80 in the original box. What, pray tell,  
>is it good for? American equivalent? Anyone need this?

It is a double pentode that was used in TV sets here. It ran frighteningly  
hot for its short life and is good for nothing. Forget it. No-one needs it.  
Walk away. Pretend you never saw it.

You could perhaps use the box for storing screws or small items of a

personal nature.

73, David Topham GM3WKB dt@artscience.scotborders.co.uk

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: lkayser@WorldLink.ca (Larry Kayser)  
Subject: Collins 75A2 Front Panel Cleaning, Restoration  
Message-ID: <9602252250.AA15966@beacon.WorldLink.ca>

A few hours ago earlier today I faced the mountain and allen keys in hand, I tackedled and removed the front panel from the 75A2. After an hours work I have the Glass windows clean, the plastic molding for the front panel is clean and the meter case is nice and clean.

This afternoon I took a tooth brush and soap to the Front panel and it is now as bright as new. The same toothbrush has now treated the knobs and most of them have come clean, some will need another treatment.

The secret is the toothbrush and a lot of soap and elbow grease. It works.

Using "White Out" for fixing typing errors I have repaired the engraved marking on the dial moulding, the look great now in real white.

I thought you might enjoy the news, progress is slow but steady. One more evening and I will have the receiver case and the speaker case done as well.

I did not mention it before but the receiver is basically working now, I went by Sandy Camerons place on the way to the Island a week ago on Saturday and we got the receiver basically working, not good but at least it hears signals.

I hope this finds you both keeping busy in similar projects.

Larry  
va3lk / wa3zia

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: John Kolb <jlkolb@cts.com>  
Subject: Control Box C-9376  
Message-ID: <Pine.SCO.3.91.960225131442.3002A-100000@sd.cts.com>



Have a control box sitting around ever since I bought it thinking it might be some kind of receiver, not noticing it didn't have a RF type ant connector. All the usual receiver controls on the front panel.

Marked C-9376 (XE-2)/ULR-17(V) another tag indicates made by General Dynamics for the Army

Can someone identify this, and is there a better use for it than stripping out the heavy parts and building a receiver into the box?

Well, it's heavy enough to be a boatanchor, and has some kind of display tubes for freq.

John Kolb KK6IL

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Jeffrey Herman <jherman@hawaii.edu>  
Subject: Dishwashing BAs  
Message-ID: <Pine.SV4.3.91.960225204350.22155C-100000@uhunix5>

Aloha Gang from Hawaii,  
Last year someone mentioned the wonders of sending BAs through the dishwasher to remove years of gunk and glop. Next month I'll be acquiring a Galaxy GT550 that has been apparently been sitting out in the Nevada snow this winter (@#\$\$%\*&?!). I'm thinking of sending it through the washer, but am wondering if there is any danger of the paint or lettering suffering. Those who've done this please provide some insight: Should I use a mild soap? What brand? Will moisture remain in the pots and IF cans? Should I use a hair dryer to insure no moisture remains in these tight spots?

It's kind of scary to even think of doing this so please convince me that my Galaxy will not suffer from such treatment. This rig will be my main xcvr here in Hawaii to be used daily - the DX-60B/HG-10 remain at my Nevada QTH.

Jeff NH6IL (ex: WA6QIJ, WH6AEQ, NMO)  
Running a DX60/HG10 plus homebrew QRPp stuff  
SOWP, ZUT!  
Licensed since '76

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996

From: jml@spider.lloyd.com (Jim Lockwood)  
Subject: Re: Dishwashing BAs  
Message-ID: <m0tr7hG-000Ts8C@spider.lloyd.com>

Next month I'll  
>be acquiring a Galaxy GT550 that has been apparently been sitting  
>out in the Nevada snow this winter (@#\$\$%&\*?!). I'm thinking of  
>sending it through the washer, but am wondering if there is any  
>danger of the paint or lettering suffering. Those who've done  
>this please provide some insight:

I wouldn't put the whole radio through the dishwasher. My concern is that the pressure spray will put water where you wouldn't want it and that the heat of the dishwasher might exceed what some of the components can withstand.

What I would do instead:

Remove from the GT550 all tubes, the meter, all knobs, the VOX board, the calibrator.

Using compressed air, blow as much dirt and dust off as possible.

Using little pressure, wet the entire chassis with water. Don't go to great pains to avoid getting water in the IF cans, but if possible don't flood them either.

Using a solution of Dawn, a toothbrush, and a paintbrush, scrub the chassis, tops of IF cans, the switch contacts, tuning capacitor blades, nooks, corners, crannys, etc.

Rinse with low pressure water, again avoiding getting water in the IF cans to as great an extent as practical.

Using a solution of HOT automatic dishwashing solution, toothbrush, and paintbrush repeat the scrubbing of the chassis, etc.

Again rinse with low pressure water.

Using compressed air blow water off the chassis and out of corners and tight places.

Put the radio chassis in an oven heated to a temperature not to exceed 150 degrees and let it "bake" for 30 - 45 minutes and then cool down without removing it from the oven.

Remove the newly cleaned radio from the oven and admire your results.

>  
>It's kind of scary to even think of doing this so please convince  
>me that my Galaxy will not suffer from such treatment.

I treated my Galaxy V to the above described treatment and it not only survived but looks brand new inside.

On the other hand,I can't imagine putting an entire radio in the dishwasher.

However, washing individual components, air variables, ceramic coils, etc works well and is benign.

73,

Jim - km6nk

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: "Grant Youngman" <nq5t@gte.net>  
Subject: Re: DX-100's  
Message-ID: <199602251756.LAA27115@uro.theporch.com>

>I don't think there are more than a couple of other  
> transmitters that let you have SSB and plate modulated AM in the same box  
> (B&W [5,6]100? Valiant with SSB adapter?)

There are a few more. The later Globe rigs also had this capability  
-- Globe King 500B/C, Globe Champion 300/350. The Champions have an SSB position on the function switch to handle input switching and amp bias settings for linear service. The Globe King is not so convenient -- you have to open the back door of the rack cabinet and flip a switch mounted on the rear of the RF deck .... a bit back breaking if you have the rig sitting on a table up against a wall :-)

Grant/NQ5T

-----  
Grant Youngman -- NQ5T  
nq5t@gte.net

WANTED: Hammarlund SPC-10  
-----

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: "Barry L. Ornitz" <u856010@eastman.com>  
Subject: Fading Red Plastic (Vibroplex Parts)

Message-ID: <Pine.ULT.3.91.960226163521.13284A-100000@dua150.kpt.emn.com>

Stan, AK0B, asks about fading red plastic:

> 1) My Red plastic parts are turning pink (fading out) on my Original  
> Deluxe. How can I restore the color?

Unfortunately, organic red pigments and dyes are the most sensitive to fading. Since red absorbs the shorter, more energetic, ultraviolet and visible light and reflects the longer wavelengths, it is most susceptible to light damage. The first suggestion is to keep the red plastic parts out of the sunshine whenever possible. Silicone wax (Turtle Wax, etc.) will provide a protective coating to lessen future damage but it will not restore the color. A transparent red lacquer might help recolor the parts but I doubt you will be happy with the results.

73, Barry L. Ornitz WA4VZQ ornitz@eastman.com

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996

From: Robertson <zafod@ix.netcom.com>

Subject: For Sale: HQ180A

Message-ID: <199602251922.LAA20778@ix14.ix.netcom.com>

HQ-180A in cabinet for sale in very good condition, \$240. All tubes tested, all faulty components replaced; set has been completely gone through and is electrically 100%. Recent alignment with HP 260 sig gen. Comes with full manual and all docs, including everything that's been written by the hobby press on it for the past 25 years (comments, mods, different version reports, etc.)

Respond to:

zafod@ix.netcom.com

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996

From: Gary Mitchelson <garym@cais.cais.com>

Subject: FS: R388 manual

Message-ID: <199602260054.TAA28031@cais.cais.com>

-- [ From: Gary Mitchelson \* EMC.Ver #2.5.02 ] --

I have an original manual for the R-388/URR

TM 11-854

TO 16-35R-388-5

with separate changes C-1 and C-2 sheets

This manual is dated April 1952  
It is in excellent condition, It looks like it was only opened a few times.  
It does have some markings on the cover from a felt tip pen indicating the  
organization it belonged to (an interesting one).

I am not sure what it is worth so I am open to offers. Or I would be willing  
to trade it for a complete copy of the TO and TM for the R390A

--

Gary Mitchelson  
N3JPU  
garym@racalrecord.com  
Racal Recorders, Inc.

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: w0ogh@ix.netcom.com (Larry Godek)  
Subject: Get rid of more stuff.  
Message-ID: <199602260158.RAA16855@ix10.ix.netcom.com>

I anc't believe it. Went to the airplane patch today for the inal of  
the auction and came home with far more than I wanted.

One of the things was a box of 50W 25 ohm resistors. Then there were  
fuses, 2050 tubes (what?), 5 ea 807s, a pair of new looking 4-125 tubes  
by RCA and some 866 rectifiers. The 4-125s I want \$25 ea for them and  
the rest I would entertain offers on. All plus shipping of course.

Then there were Mil manuals. The list below contains duplicates of  
what I already have.

|                               |                                            |      |         |
|-------------------------------|--------------------------------------------|------|---------|
| TM-11-666                     | Antennas and Radio Propagation             | 2ea. | \$20 ea |
| Radio Compass SCR-269G,       | Preliminary instructions                   | 1Ea  | \$22 ea |
| Radio Compass SCR-269F,       | TO. 08-10-110                              | 1Ea  | \$22 ea |
| Radio Compass SCR-280A        |                                            | 1Ea  | \$25 ea |
| Bendix Model TA-6A & TA-6B    | Acft transmitters                          | 1Ea  | \$20 ea |
| Bendix Model TA-2J            | Acft Transmitting Equipt.                  | 1Ea  | \$20 ea |
| Navy Model ATD                | Acft Radio Trans. Eq. Navaer 08-5Q-39      | 1Ea  | \$30 ea |
| Copy of T.O. 12R2-3B348-2,    | Handbook Maint Inst., BC-348 J, N, Q.      |      | \$18 ea |
| Bendix Ops and Maint. for     | MN-26 series Radio Compass                 | 2ea  | \$22 ea |
| Bendix NA-1                   | Aircraft Navigational system               | 1Ea  | \$30 ea |
| Inst. book for Model MN-31    | Auto. Radio Compass Equip.                 | 2ea. | \$22 ea |
| NBS report #9769,             | Emergency Locator Transmitters Dtd Feb. 71 |      |         |
| addresses ERP and methods for | determining ERP in this service            |      | \$7     |

Something for everyone. I gotta make some dough so I can continue here  
on the list.

Larry W00GH@ix.netcom.com

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: MIKE SANDERS <ks0f@i1.net>  
Subject: Greenlee punches  
Message-ID: <199602261836.MAA22210@mail1.i1.net>

Greetings,

Anyone have any Greenlee socket punches for sale? Looking for round only  
and various sizes. Please email direct. Thanks, Mike ks0f@i1.net

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
Subject: Re: Had enough?

You guys did a great job, as usual. Thanks!

Jim

----- Forward Header -----

Subject: Re: Had enough?  
Author: 76434.34@compuserve.com at hubsmtp  
From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: "James T Hanlon" <JTHANL0@sandia.gov>  
Subject: Re: Had enough? (was Ocean Hopper)

----- Forwarded with Changes -----

From: 76434.34@compuserve.com at hubsmtp  
From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: dgibbs@rational.com  
Subject: Hamfest Report - Vienna, VA, 2/25/96  
Message-ID: <Chameleon.960225105559.dgibbs2@>

Greetings all,

I didn't take any notes, but here is what I saw:

|          |                                                              |
|----------|--------------------------------------------------------------|
| R390A,   | \$225 Motorola, panel poor-fair, with cabinet (It sold)      |
| R388     | \$200 restored by Howard Mills, W3HM, (Not sold when I left) |
| HR0-50T, | \$185 with 4 coils                                           |
| HQ-170A  | \$350 (Matching speaker was extra!)                          |
| HC-10    | \$350 (Wow! These are EXPENSIVE!)                            |
| 75A-4    | \$600 (Don't know what filters it had)                       |

BC-348P      Price unknown, it looked great though!

There were various other receivers from Hammarlund, Hallicrafters, Drake, and National, but these were the cheaper models. I didn't pay much attention to these.

I heard that several Collins 75A series changed hands the night before.

Dennis Gibbs  
dgibbs@rational.com

From boatanchors@theporch.com   Mon Feb 26 03:05:41 1996  
From: KC5IJD@aol.com  
Subject: Re: Hamfest Report - Vienna, VA, 2/25/96  
Message-ID: <960225143140\_153061062@emout05.mail.aol.com>

>HC-10            \$350 (Wow! These are EXPENSIVE!)

No kidding - I was fortunate to get a beautiful unit recently quite a bit less. Have been looking for some time for one of these. They are not easy to find, and normally quite pricy.

73

Joseph W Pinner  
Lafayette, LA  
KC5IJD  
EMail: kc5ijd@aol.com

From boatanchors@theporch.com   Mon Feb 26 03:05:41 1996  
From: Dave Meier <71571.1744@compuserve.com>  
Subject: Re: Hamfest Report - Vienna, VA, 2/25/96  
Message-ID: <960225214212\_71571.1744\_FHD53-1@CompuServe.COM>

The "HQ-170A for \$350 (speaker extra)" at Vienna came home with me. It actually is a squeaky clean HQ-170AC VHF (the one with a built in two meter nuvistor converter)!!! Never thought I'd find one of these. Anyone interested in the "old" HQ-170A I was using? I'm still looking for an HX-50A.

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: "Grant Youngman" <nq5t@gte.net>  
Subject: Re: Hammarlund HQ-110 Tale of Woe...  
Message-ID: <199602251757.LAA27291@uro.theporch.com>

> out the 3045 kc If transformer (Hammarlund part number K-38947-1),

You might check with Charlie -- sp600@aol.com on this one. He has a large inventory of Hammarlund parts -- many NIB.

> 455 kc IF transformer (38946-1)

This transformer is common to many Hammarlund radios. I can dig one out of an HQ-170 parts unit for you -- you're welcome to it. Just drop me a line if you need it.

>Now, the original mixer tube has a 5750 tube  
> in it instead of a 6BE6.

The 5750 is equivalent to the 6BE6 -- its a military spec version

> addition, the Pentagrid Converter 6BE6 is now a 6BY6

My tube subst. manual shows the 6BE6 as a substitute for the 6BY6, but not the other way around. They do, at least, have the same basing diagram.

Good luck getting that radio rebuilt. Its a shame to see such drastic "improvements" in these old treasures.

Grant/NQ5T

-----  
Grant Youngman -- NQ5T  
nq5t@gte.net

WANTED: Hammarlund SPC-10  
-----

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Kevin Pease <hamradio@mm1001.theporch.com>  
Subject: Re: Hammarlund HQ-110 Tale of Woe...  
Message-ID: <Pine.LNX.3.91.960225145039.6017A-100000@mm1001.theporch.com>



Kevin Pease  
WB0JZG Mount Juliet, TN.

On Sun, 25 Feb 1996, Grant Youngman wrote:

>  
> My tube subst. manual shows the 6BE6 as a substitute for the 6BY6, but  
> not the other way around. They do, at least, have the same basing  
> diagram.  
>  
I don't know the actual differences but I have used a 6by6 in place of  
the 6be6 with good success.

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: "Richard L. Duell" <rduell@iac.net>  
Subject: Heath HP14-DC Power Supply  
Message-ID: <199602251527.KAA19193@great-miami.iac.net>

I have an Heath HA-14 amplifier that works just great on its AC supply.  
Never being satisfied with where I am, I have decided I want to try it  
mobile. I have never seen the HP14-DC supply at a hamfest, so I'm going to  
build one \*if\* I can find a schematic. Does anyone out there have one they  
would be willing to take the time to copy for all normal and reasonable costs?

If not, I'll start scoping out the manual guys and see if I can root one out.

Also, has anyone out there converted one of these little jewels to 160?

73, Rich - W5VDU

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Radiomatt@aol.com  
Subject: HR0-600 help needed  
Message-ID: <960226111812\_431846747@mail06.mail.aol.com>

-----  
Forwarded message:

From: Radiomatt@aol.com  
Sender: boatanchors@theporch.com  
Reply-to: Radiomatt@aol.com  
To: boatanchors@theporch.com (Multiple recipients of list)  
From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: David Adams <dave@flowserver.stem.com>

Subject: HT-40 paint?  
Message-ID: <9602262227.AA14862@flowserver.stem.com>

Can someone suggest the appropriate paint for a Hallicrafter's  
ht-40 case?

Dave

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: n5off@w5ddl.aara.org  
Subject: Keep Junkers Coming  
Message-ID: <308814@w5ddl.aara.org>

I received 12 rigs into the junkers list today.

I won't post it until I get a few more. Looks like this will work.

Keep 'em coming. You will facilitate the rescue of someone else's  
rig and maybe make a few \$.

73 de tom  
Reply to:  
packet n5off@k5arh.#lft.la.usa.noam  
Email (home) n5off@w5ddl.aara.org@usl.edu  
Email (work) tfma@chevron.com  
Lafayette, LA  
office 318-989-3430  
home 318-984-2561

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: tech@cs.athabascau.ca (Richard Loken)  
Subject: Kleinschmidt TTYs for the man who has everything  
Message-ID: <m0tr7w3-0018cGC@aupair.cs.athabascau.ca>

Lately I have started looking for Kleinschmidt manuals and start with the  
Usenet (since its free...). I didn't get any manuals but I did get the  
following offer of US Govt reconditioned Kleinschmidt teleprinters, no price  
specified.

Any of you with so much idle time and real estate as to want a Kleinschmidt?

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those  
Athabasca University : tuques we wear, our heads  
Athabasca, Alberta Canada : are naked!"  
\*\* tech@cs.athabascau.ca \*\* : - Arthur Black

----- Forwarded message -----

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Terry Neal <tmneal@netcom.com>  
Subject: Knob for Johnson Viking 500  
Message-ID: <2.2.16.19960225161027.2d178b36@netcom.com>

For Johnson Viking 500 xmitter  
I wonder if anyone has the little knob that fits the blade type lever in the center of the rf unit? I am also looking for the bottom cover for the power supply/mod unit.

thanks for looking

cul Terry aa6tn

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: don merz <71333.144@compuserve.com>  
Subject: Literature, IC-502 FS  
Message-ID: <960225222433\_71333.144\_DHB59-1@CompuServe.COM>

For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.  
412-234-8819 (weekdays, EST or leave a message anytime).  
71333.144@compuserve.com

Literature

Military TM 11-850 original manual for BC-312, 342 and 344. Covers are a bit raggedly. \$16  
Military TM 9-1575 "Ordnance Maintenance Wrist Watches, Pocket Watches, Stop Watches and Clocks." April 6, 1945. Excellent: \$14. Another one very good: \$12  
Military "Principle Underlying Radio Communication." 1922 (second edition). U.S. Signal Corps Pamphlet Number 40, War Department Document #1069. Nice Hardback. \$55  
Sylvania Radio Tubes Technical Manual, 1942. Contains tube specs, basing, circuits and applications. Spiral bound and nice. \$17  
Sylvania "Tube Complements With IF Peaks and panel Lamp Data," 1941, info for hundreds of radios by make and model including all common boatanchor types existant by 1941. \$16  
Gernsback 1935 Official Radio Service Manual Volume 5. Includes all early Hammarlund Comet Pro, Howard, National (SW-3, AGS, FBX), Patterson and Pilot plus all the usual broadcast stuff. No binder. \$40  
Cornell-Dubelier Capacitor Manual for Radio Servicing, 1939-40 (1st

edition). Excellent. \$16

Cornell-Dubelier Capacitor Manual for Radio Servicing, 1941 (2nd edition). Excellent. \$16

Cornell-Dubelier Capacitor Manual for Radio Servicing, 1948 (4th edition). Excellent. \$16

"Aircraft Radio and Electrical Equipment," 1941 (2nd ed.) by H.K. Morgan. Covers many models of early aircraft radio including Western Electric, Lear, RCA, United Air Lines, Sperry and Collins. Has photos including chassis shots and fold-out diagrams of each set with schematics, parts, circuit descriptions and some troubleshooting data. Very Good or excellent hardback. A real find. \$65

Icom IC-502 portable 6 meter SSB/CW rig. 3 watts out. Looks great and works well. Only covers 50 - 51mhz though. Runs on 9 C cells, ni-cads or 13.8 VDC supply. External antenna or whip. With original box and packing, carry strap and DC power cord. Pretty slick. \$219

#### Radio-Related

Hey good buddy! Tired of the same old jaw jacking? Take a breaker, tell all your friends to drop the hammer over to your pit stop and sit down to a great game of BREAKER 19--THE CB TRUCKERS GAME by Milton Bradley. Everything you need for an evening of fun for the whole gang is included. Complete game with all parts. Box in great shape except for 1 taped corner. 1976-vintage. \$12

#### Information Needed

Manual, schematic or any information needed about an Electronic Specialty "Trans-Mter." Looks like a modulation monitor with a few extras. Any help appreciated.

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996

From: rsolomon@cctds.textron.com

Subject: Local Swap Net Goodies

Message-ID: <9601268253.AA825355918@cctds.textron.com>

Gleaned from the local swap nets the last week:

Viking Valiant II \$250

Hallicrafters SX-101A \$100

Collins KWS-1 S/N 1198 \$600

Last two offered by original owners. Fellow with KWS-1

also had 75A-4, but keeping it.

Sad to say all went same day. There's still some good stuff left up in the NorthEast.

73, Dick, W1KSZ

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: "Grant Youngman" <nq5t@gte.net>  
Subject: Looking for Eico 730 Modulator  
Message-ID: <199602261305.HAA16098@uro.theporch.com>

I'm looking for an Eico 730 Modulator (preferably with cover) to go with a 720 I'm in the process of acquiring.

Anybody out there got one gathering dust?

Grant/NQ5T

-----  
Grant Youngman / NQ5T  
nq5t@gte.net

WANTED: Hammarlund SPC-10  
-----

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Michael.J.Knudsen@att.com  
Subject: Re: Low frequency transmitters  
Message-ID: <9602262310.AA19009@bock.ih.att.com>

Two in parallel? Must have been fun keeping them in phase sync, or were they on a common shaft?

What are the chances that the yearly xmsn could be picked up in the central USA? THis might give me the incentive to fix the alignment progblem in my RAK-7's bottom end -- it tunes down to 15 KC.

That is some antenna system! 73, mike k aa9rg

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: "Barry L. Ornitz" <u856010@eastman.com>  
Subject: Magic Aluminum Soldering Rods?  
Message-ID: <Pine.ULT.3.91.960226103531.7302C-1000000@dua150.kpt.emn.com>

On Sun, 25 Feb 1996, Larry Ware asked the following. With hamfest season upon us, I thought the rest of the group would like to know about this too.

> PS: What do you know about the magic welding rods they sell for aluminium  
> at aircraft flea markets? The ones where the pitchman uses a plain propane  
> torch to "fuse" a copper pipe to a pop can and produces a joint stronger than  
> the can itself? A bundle of these magic rods cost about \$20, but they are not  
> plain aluminium, I've tried those and they don't work worth a crap.

I bought a pack of these many years ago myself. Not being satisfied with the claim that they contained 20 exotic metals in a special alloy, I took one to work with me. I was working with a metallurgist at the time on a failure analysis of some thermocouples in our coal gasification complex, so I decided to ask him. He snipped off a piece and placed it in our electron microscope. Looking at the crystalline structure, he then did EDS (electron dispersive spectroscopy) on several points on the piece. A few seconds later, the computer kicked out the analysis - approximately 80% zinc, 20% aluminum, and a trace of copper.

He laughed at being fooled by the claims, but then explained how it works.

When zinc melts, it has an extremely low viscosity. It tends to flow into the pores of the aluminum oxide coating covering all aluminum metals. The bond is not real soldering or brazing in that very little alloying between the metals takes place. It is just that the zinc wets the surface so well. Zinc is much harder than aluminum, so a thick section of zinc will be stronger than the thin aluminum can material. Zinc on aluminum is not too bad for corrosion, but if copper is present, watch out. Using this material to "solder" copper to aluminum is asking for failure the first time the joint gets wet. [Note that you can solder aluminum with ordinary solder IF you can keep off the aluminum oxide coating during the soldering process. The same warning about copper and moisture applies.]

These rods are not useless, however; they are just overpriced. They do fairly well to repair things that do not have much force on them. The joints are rather brittle though. They work well for air conditioning repairs on aluminum tubing, and only a simple propane torch is needed. But for a repair on something that needs strength, I would consider going to a professional for MIG or TIG welding.

I have had a number of hamfest sellers swear that their material was different. None, however, have ever been willing to prove their statements and submit samples to a certified lab for testing. Any number of analytical techniques might be used (EDS, AA [atomic absorption spectroscopy], or XRF [X-ray fluorescence]).

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: lkayser@WorldLink.ca (Larry Kayser)  
Subject: Message sent in error  
Message-ID: <9602252252.AA16008@beacon.WorldLink.ca>

The message sent a minute or two ago, was miss addressed to Boatanchors, sorry 'bout that. On reading it, while it was not intended for Boatanchors, it is at least a wish that each of you are having as much fun today as I am....

Larry

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Dave Creek <dcreek@pixi.com>  
Subject: Re: military reciver  
Message-ID: <Pine.PCW.3.91.960224221001.7927A@rodan23.pixi.com>

On Sat, 17 Feb 1996, jerry+deb wrote:

Does someone out there have any info on an receiver marked AM-12/APR-1 and  
> plugin units TN1B,TN2B,TN3B? It seems to cover 40 to 1000 mhz. The receiver  
> looks and seems to work very well.  
> tnx. jerry, ellope@shasta.com

This was a Korean war vintage airborne countermeasures receiver. It was used with a seperate panoramic adapter as a spectrum display and an analyser scope for measuring pulse width, pulse repetition, and antenna scan rate. I don't remember the numbers of the external indicators. Later versions replaced the TN's with a single convertor that had a CV-number. The CV-() had a motor driven frequency scan and 4 type "N" connectors on the front panel on for each band. The aircraft usually had a different antenna for each band. This system was replaced by the AN/APR-4 and that was replaced by the AN/APR-14. There was also an AN/APR-9 which covered the higher frequencies through 10 GHz.

Hope this is some help.

73 es Aloha,

Dave Creek, NH6BA  
Ewa Beach, HI  
dcreek@pixi.com

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Michael Crestohl <mc@shore.net>  
Subject: MILTON VT HAMFEST/WESTFORD MA ANTIQUE RADIO SHOWS: REPORTS  
Message-ID: <199602261416.JAA20972@northshore.shore.net>

Hello Keepers of the Sacred Filaments:

Cynthia and I attended two shows last weekend - and here's a brief report:

Milton VT on Saturday. We drove up Friday and stayed over with our friends Mitch (WB2JSJ) and Ronny (KA1NRR). Early Saturday morning we headed up to Milton for the fest. It was pretty crowded and lots of stuff, mostly computer scrap. I missed a Johnson Ranger 1 in pretty grungy shape (but no holes I could see or bad scratches, dents, etc for \$95.00 and a meterless 275 W Matchbox for \$40.00. The thing that makes this so unfortunate for me is that the guy was carrying them in and setting them up on the table next to mine. They didn't last more than a couple of minutes. I found absolutely nothing that I couldn't live without, so I spent nothing. I managed to sell some (non-BA) stuff, so my wallet now has some more \$\$\$ to spend on BAs when the opportunity arises.

Sunday I attended the Westford MA antique radio show which is a pretty big annual affair. I spotted a BC-348 that looked pretty clean with a nicely home-brewed power supply installed where the dynamotor had been. Price: \$350.00! He was serious. After asking him where his mask and gun were I mentioned to the seller that a BC-348 with the original dynamotor and shock mount would probably sell for \$75 - 125.00 tops and the only way that one would be worth anywhere near \$350.00 would be in the original box with manual, etc. He tried to tell me that the BC-348 didn't have a dynamotor, and other associated BS. I tired of wasting my time with this idiot/crook and moved on.

The big disappointment of the show was the KWM-1 I spotted. It looked pretty clean, but was missing the 516F-1 power supply. The DC supply was there but no cable. Asking price was \$350.00 but he'd let it go for \$300.00. Since I have a KWM-1 power connector in my parts box kept for such an eventuality, I was interested. A peek inside the cover revealed that the mechanical filter was missing although everything else appeared to be there. The seller mumbled something about having one at home. I tilted the KWM-1 up to look at the front panel - the plastic dial was discolored pretty badly but the real bad news was evident - there was a bad dent at the bottom that also pushed in part of the chassis. I could see many hours of work dismantling the KWM-1 and trying to do a bit of body work to straighten it out. The grey paint around the dent had cracked to the point that the restoration would be lengthy and probably costly. I considered it to be worth \$200.00 tops and this was my offer. The seller thought that it was not enough and I told him to think it over and I would pass by before I left in case he wanted to think about it. An hour later I returned to



see some guy laying \$350.00 on the table and it was sold. I'm not sorry I didn't take it when I had the chance - this poor fellow has his work cut out for himself, especially if he doesn't know the filter is missing.

Anyone got a clean KWM-1 out there they'd want to part with? I had one years ago but had to sell it to finance my KWM-2A!

73,

Michael Crestohl, KH6KD/W1  
mc@shore.net

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Sandy Blaize <70401.134@compuserve.com>  
Subject: MILTON VT HAMFEST/WESTFORD MA ANTIQUE RADIO SHOWS: REPORTS  
Message-ID: <960226184532\_70401.134\_IHD123-1@CompuServe.COM>

Mike,

Hopefully the guy with the \$350 BC-348 tripped leaving the hamfest and dropped the 348 on it's face on the concrete smashing the panels, dynamotor busting loose inside and tearing up the interior!

I know these types and they seem to be making BA's strictly a money making enterprise. I would think \$150 would be tops for a pristine BC-348 receiver! We gotta educate the "newbies" or us "oldies" are gonna be priced right outta the BA game! After these guys tote their stuff back home several times, they will moderate their prices! I don't give away things at a hamfest, but I don't demand that the 'buyer' leave some strategic part of his body in exchange for a BA either. I "buy and sell" and trade BA's to support my BA habit, NOT to make a killing.

73,

Sandy W5TVW

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Jim Dillon <beadgal@ptialaska.net>  
Subject: RE: NC-100A Questions...  
Message-ID: <01BB0445.4E262D80@juneau\_145.dialups.ptialaska.net>

-----  
From: BHall188620@aol.com[SMTP:BBall188620@aol.com]  
Sent: Saturday, February 24, 1996 7:46 AM

Subject: NC-100A Questions...

Hello everyone...

Purchased a National NC-100A a while ago and had a couple of questions. =  
I  
have a copy of the owners manual on order, and I think it is stuck in =  
the  
Houston post office system somewhere currently. In the mean time:

\* Any other NC-100A owners out there?

\* If so, could anyone send me the tube line up for it so I could order  
replacement tubes for it? (Moore's doesn't specifically list the =  
tube-line  
up for the NC-100A) Two of the tubes in it have problems, plus I want =  
to  
make sure that the tubes are correct. One seems to have an intermittent  
slight short (I can barely see the neon lamp glow on the tester) and =  
another  
one has a broken top cap.

\* Any hints or kinks any one could give me? I haven't fired it up yet, =  
as  
the rumor seems to be that Nationals of this era used the speaker field =  
coil  
as a B+ filter choke which I don't have yet. I also have no idea where =  
to  
hook up the speaker, as the terminal strips on the rear are not labeled =  
and  
one has been replaced with a headphone jack. It also has an octal =  
socket on  
the rear that is connected to the audio output tube, which may or may =  
not be  
original. I also can't seem to locate an audio output transformer on =  
it.

Initial pokings around with my newly acquired HP VTVM indicate that a =  
good  
percentage of the wax-papers are in good shape. Electrolytics show low =  
ohms,  
and I will try reforming them.

Thanks in advance,  
Ben

---

BHall88620@aol.com - Benjamin.D.Hall1@jsc.nasa.gov

Hi Ben and National fans-

Toob lineup on NC-100 'A' suffix (no 6E5 eye tube-R meter):  
6K7 RF 6J7 mix, 6K7 osc, (2)6K7 i.f., 6C5 det, 6J7 bfo, 6J7 avc,  
(2)6F6 audio out, 1 (80) rect.  
The octal is really 5 pins, odd sizes; I will peak at my -100XA tonight =  
and tell  
you what pins do what. 2 are the audio out plates, one is B+ for same,  
2 are for field coil. Field coil can be replaced with 1K or 1.5 K 10 =  
watt  
resistor, or use primary of a RShack or other line to voice coil =  
transformer  
as a replacement choke. In fact, you can use the ubiquitous 70 volt line  
to voice coil transformer to replace the audio output xfmr you don't =  
have  
because it was mounted inside the black wrinkle speaker you don't have.=20  
It just takes some experimenting with the taps on the primary to get a  
decent match (use the highest watt secondary tap because those 6F6s can =  
do 10 watts. Find a couple of these big hunks of iron at your nearest  
commercial sound (Muzak) installer. The RS ones are pretty lame.

Power Transformers on these: originals were 'Ajax' wound with sulphur =  
paper. Few survive (they are tall cubical- no dome). Most Nats have  
TV power transformer replacements. If yours is original, dry it out =  
slowly  
(and reform the electrolytics) with a variac. If you don't have same, =  
wire up  
a light bulb socket in series with an AC lead. Screw in a 25 watt bulb, =  
bake 24 hours. Replace w/ 60 watt bulb, bake 24hrs, 75, 100 =  
progressively.  
Start feeling the trans. case when you get to 60 it should not get too =  
hot  
or smell acrid. Good luck. This is a good series of radios to make a =  
sand  
replacement for the 80 (silicon diodes to minimize load (of 80) on the=20  
transformer. BTW- these were 750 vct, be careful (especially around  
the BSW terms on rear which are jumpered if you aren't using a =  
changeover relay.  
Don't have a spare speaker plug (its a no longer cataloged Amphenol, but =  
you might make up a sub out of discarded tube pins). I'll e-mail you =  
direct  
re: pin-out of same.  
If anyone knows of a NC-100X for sale/trade please let me know. This  
is  
one with PW (Indirect reading 0-500)dial and eye tube tuning.  
Also anyone know value of National One-Ten aka 1-10. ?  
Or info on coil sets/coil forms for same. I have two (different dial  
arrangement on each, one of which is for sale/trade).  
Jim Dillon WL7CMQ Beadgal@ptialask.net

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Thomas Bryan <tbryan@mailstorm.dot.gov>  
Subject: Need some #19 set parts.  
Message-ID: <199602261816.NAA10861@mailstorm.dot.gov>

Hello Everybody,

I am looking for some small parts for the No. 19 Mk II. I need some of the coaxial connectors to make up some cables, I could use 4 of those.

A dynamotor power supply.

The big audio connector that fits the front of the radio. I could use 2 of those.

And one mounting rack.

Send me an email if you have any to sell or trade.

Thanks

Tom Bryan  
tbryan@mailstorm.dot.gov

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: robert fowle <hammarlund@voyager.net>  
Subject: need tube book for TV-2A/U tester  
Message-ID: <199602250533.AAA13309@vixa.voyager.net>

Hi all;

i'm looking for the tube \*book\* (not the roll chart) that goes with the TV-2A/U tube tester, this is the book that gives all the settings for the various tubes. if you have or know where i can find one, (cash or trade) please let me know.

Thanks.

=====]-[->

Robert Fowle  
The HAMMARLUND Historian  
Ph. voice or fax 517-789-6721  
1215 Winifred  
Jackson, Mich. 49202-1946  
E-mail at: hammarlund@voyager.net

HAMMARLUND LITERATURE WANTED

=====]-[->

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>  
Subject: New List  
Message-ID: <199602261200.GAA20400@legend.txdirect.net>

Bill Moore has a lot of assorted stuff that may be of interest to us BA types so I told him I would post the following list for him. Please contact him directly, don't reply to me. His pertinent information is:

Bill\_Moore@mevatec.com

Bill Moore  
3049 Box Canyon Road  
Huntsville, AL 35803  
(205) 880-1207

>More cleaning out of the garage, please make me an offer on anything you don't  
>like the price of.

>

- >1. Electronic Specialty company Aircraft receiver. Looks to be early 40s, had  
>a guy interested, but he never sent the check, All aluminum and has a 3 digit  
>serial number. \$20
- >2. 14x10 1/2 x19 inch rack good condition(needs Paint) \$20
- >3. Bendix aircraft receiver. Looks to be late 40s or early 50s. Long wave  
>only. Model number PAR-3a \$15
- >4. Sony portable reel to reel tape recorder in the box. TC-123 \$25
- >5. W. E. All Transistor megaphone Portable PA amp with mike and book.  
N.O.S. \$20
- >6. Atlas bottom plates for floor mic stands, NOS, cast iron \$8 ea
- >7. Many N.O.S replacement PM speakers \$8 ea
- >8. B&K adapter for 500 tube tester for 1b3 tubes \$3
- >9. Olson N.O.S. transistor mic mixer \$10
- >10. N.O.S. stock grill for Motorola 6x31c transistor radio \$7
- >11. University 8" PA Speakers N.O.S \$20 ea

>

> Literature

>

>All of the following are in good condition and are postpaid.

>

- >1. RMA "Better Radio Reception" 1931 by Sparton \$4
- >2. Manual for TV-10 tube tester, missing some data, but has schematic >\$7
- >4. Sams Photo fact indexes, \$1 each with order
- >5. "Experiments in Industrial Electronics" 1960 Melvin Whitmer \$3
- >6. Loudspeaker Matching by John Rider \$4
- >7. Original Equipment Operators Manuals \$3 each or \$5 for 2 of the following  
>-Simpson 262

>-Philco 7001  
 >-Sencore LC3  
 >-Eico 1060  
 >-Realistic SW-60  
 >-Sencore TCI36  
 >-Fisher 201  
 >-Rca 40-56 scope  
 >-Eicor 15  
 >8. "Beam Antenna Handbook" 1955 By William Orr \$5  
 >9. B&K Test Equipment catalog, shows all tube testers, accessories and other  
 >units \$3  
 >10. 1959 Magnacorder Catalog, Has lots and lots of data for tape recorders of  
 >that period. \$5  
 >12. "Servicing Unique Electronic Apparatus" by Jac Darr \$3  
 >13. Set of Radio Age magazines from 1985 to 1993 when publication was shut  
 down.  
 > Excellent reading and reference for old radios \$25 for all  
 >14. Gernsback 1935 auto radio manual \$9  
 >15. "Gleanings in Bee Culture" 1914 \$5  
 >16. Rider "TV Picture Projection and enlargement" \$6  
 >17. "Alternating Current Machinery" 1906 Part II \$9  
 >18. "101 ways to use your VOM and VTVM" 1959 by Robert Middleton \$3  
 >19. "Quad Antennas" by Orr \$5  
 >20. "Tour Book" 1939 has Worlds Fair trilon and parasphere on cover \$9  
 >21. "Posters Radio and Television Price Guide" 2nd edition \$8  
 >22. " VHF Handbook" 1956 by William Orr \$5  
 >24. Lafayette and Allied catalogs  
 >  
 >Always looking for Pilot radios and advertising, and a McMurdo 5d radio.  
 Many thanks for reading.

BILL

=====  
 <<<<<<<<< T00 many projects, NOT enough time! >>>>>>>>>

Gary H. Harmon, Jr., K5JWK gharmon@txdirect.net  
 6302 Robin Forest K5JWK@K3WGF.STX.USA.NOAM  
 San Antonio, TX 78239 (210) 657-1549

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
 From: "James T Hanlon" <JTHANLO@sandia.gov>  
 Subject: Ocean Hopper Works!

----- Forwarded with Changes -----  
 From: 76434.34@compuserve.com at hubsmtp

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
Subject: Ocean Hopper Works!

And again ... Thanks, y'all!

Jim

----- Forward Header -----

Subject: Ocean Hopper Works!  
Author: 76434.34@compuserve.com at hubsmtp  
From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: w7ni@teleport.com (Stan Griffiths)  
Subject: PS Choke Failures  
Message-ID: <199602252259.0AA10404@desiree.teleport.com>

> While letting my Marauder warm up, I heard a SNAP and found  
>I have no more swinging plate choke.

I seem to hear this all too often. Several years ago when homebrewing a big final amp, someone told me that the choke could just as easily be put in the B- lead as the B+ lead since it only needs to be somewhere in the power supply series loop. The obvious advantage to putting it in the B- lead is that you don't subject it to the stress of the B+ voltage and it is much less likely to arc to ground. I have successfully used chokes in the B- lead ever since and don't recall ever losing one. Of course there are still voltage swings on the terminals of the choke even in the B- lead, but they are not nearly as far above ground as they would be in the B+ lead.

I would think this idea would work as well in small rigs and receivers as it does in RF amplifiers. Of course, this mean you would have to install a "non-factory unapproved modification" but it might be worth it if the equipment's life is at stake.

I can't ever remember seeing anything about this in any electronics text I have ever seen, even the ARRL Handbook or Bill Orr's book either. Maybe I am off base here and there is something inherently bad in doing this. If so, please educate me.

Stan W7NI@teleport.com

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: garland@MPS.OHIO-STATE.EDU (James C. Garland)  
Subject: Re: PS Choke Failures  
Message-ID: <01I1NW05TTZQ8WVYV9@MPS.OHIO-STATE.EDU>

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>>I have no more swinging plate choke.  
>  
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>supply series loop. The obvious advantage to putting it in the B- lead is  
>that you don't subject it to the stress of the B+ voltage and it is much  
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>I can't ever remember seeing anything about this in any electronics text I  
>have ever seen, even the ARRL Handbook or Bill Orr's book either. Maybe I  
>am off base here and there is something inherently bad in doing this. If  
>so, please educate me.  
>  
>Stan W7NI@teleport.com  
>  
Hi Stan,

Actually, the ARRL Handbooks in the early sixties recommended that filter chokes be placed in the B- lead, for precisely the reason you gave. The idea for doing this seemed to originate around 1960, since the commercial rigs of the 50's always placed the choke in the B+ lead. By the sixties, filter chokes for HV supplies of more than about 600V were dropping out of fashion, and being replaced by capacitor input filters, so the idea never really caught on.

As it turns out, I had a flashover to ground in the filter choke of a Central Electronics 600L. Though I was able to fix the problem this time with a bit of fiberglass sleeving, I'm tempted to move the choke over to the B- lead to forestall future problems. Doing so requires relocating the ground connection, of course, so that it is on the output side of the choke.

73,

Jim W8ZR

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: aa4rm%amos.UUCP@mathcs.emory.edu (Marty)  
Subject: Re: PS Choke Failures  
Message-ID: <9602261852.AA08221@amos.YP.mystnite>

Regarding 'unseen pitfalls' of choke in negative return:

My only guess is the CT of the HV xfmr floats off gnd. & for a 6KVac c.t. xfmr, that might be 750rms or +/- 1100V p-p AT NO LOAD.



Can't think of another objection.

Marty

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Chris Prussing <beadgal@ptialaska.net>  
Subject: Re: R-115/AC-DC warn  
Message-ID: <Pine.SOL.3.91.960224224024.2236H-100000@moose>

> Hi Paul/ Coasties-  
> The National R-115 was a barebones (stretching a point) NC-200 style  
> set w/ following line-up:  
> (4)count -em (4) 117N7  
> (3)12SK7  
> 12K8  
> 12J5  
> 12SC7  
> 12C8  
> 12SR7  
> 12SJ7  
> Used on shipboard so was AC-DC No bandspread or xtal like -200 and \*NO\*  
> power transformer. Caution on this radio as well as Hallicrafters Marine  
> (s-22)and Echophone Commercial and NC-44/45/46: The "Critical Safety  
> Components" are a couple of gutta percha grommets which disintegrated in  
> 1949. These insulated the chassis (Hot) from the steel cabinet (You).R&R  
> these and do a hipot test of some kind before completing the circuit to  
> Glen Canyon or Bonneville. A great looking radio though; closest thing  
> made (appearance-wise) to the James Millen Co. prototypes of early  
> 50s. 73s Jim Dillon WL7CMQ Beadgal@ptialaska.net  
>

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: mail08458@pop.net (Bryan)  
Subject: R-390A questions  
Message-ID: <QQaeno28540.199602260413@alterdial.UU.NET>

First, thanks for the helpful responses to my parts inquiry. I'm still looking for Type C adapters and 26Z5Ws. Dancon Electronics in Chantilly, VA had the Xcelite set of Bristol drivers for \$34 (7 drivers, extension, and handle). They also stock the CM328s, and have reasonable tube prices.

Now for a few questions:

1) When did the R-390As drop the vernier style BFO control (with digital counter)? My 1955 Collins has the vernier, the 1967 EAC has a knob. Are the BFOs otherwise the same?

2) I notice that the EAC fuses the B+ (1/4 A SLOW) and B- (1/8 A FAST). Likewise, when was this mod introduced?

3) The IF deck on my Collins model says 'MOD 2'. What's the significance? Any way to know if this is a factory module or a depot replacement?

Thanks folks.

Bryan A. Stephens  
mail08458@pop.net

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: steve@hi.com (Steve Byan)  
Subject: Re: R390A  
Message-ID: <v02130505ad579c3ee49f@[140.243.30.128]>

>I have been contemplating buying an R-390A for several years, but have always  
>been warned that the PT0 is a fearsome thing if there are any problems. This  
>has kept me from making my move, but the Boatanchor group has rekindled my  
>interest.

No problem at all. Just call up Fair Radio and order one of their  
gov't-reconditioned already-endpoint-adjusted hermetically-sealed-package  
R390A PT0's. Sets you back \$30 or \$40, but it's easy.

Regards,  
-Steve

|                                           |                        |
|-------------------------------------------|------------------------|
| Steve Byan                                | internet: steve@hi.com |
| Hitachi Computer Products (America), Inc. |                        |
| 1601 Trapelo Road                         | phone: (617) 890-0444  |
| Waltham, MA 02154                         | FAX: (617) 890-4998    |

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Radiomatt@aol.com  
Subject: racal  
Message-ID: <960225193253\_431440716@emout10.mail.aol.com>

I just received your wonderful list of Racal units and receivers. I've had many over the years, and still have 15 or so.

Let me add several models to your list:

6772E is an entirely different model from the 6772. The "E" uses the same plug in subassemblies as the 6778 series, whereas the 6772 used plug in cards which were shielded by sheet metal. The "E" and 6778 series use plug-in shielded assemblies where the boards are encased in mu-metal cabinets secured by lots of screws.

6778 came in several different models; some had pre-amps built-in, and others were without. I've had two versions one with 12 or 16 memories, the other with 32 memories. I still have a 6778Q which has no tuning dial, only a keyboard. I don't know what it does.

the plain old 6772 was available in a -P version which drove two slave receivers (RA-6230) for a DF setup. I have the two, but not the master.

The 217 and 218 (6217 and 6218 if American made) differ in tuning indication. I have 6- 6217As which use odometer type tuning (2 digits for MHz) and off to the right about 1/4 inch) three digits plus vernier scale for KHz. I've never seen the 6218 but they're advertised a lot in the UK. Since the 6 prefix indicates US made, I suspect they are surplus. I have a coil preselector for 6217 (no amplification) but no cable to connect it.

At one time I had a gorgeous spectrum display unit and VLF converter (the 337) mounted on the same chassis.

I bought some 337 VLF convertors from the factory about 10 yrs ago (without front panels), for the 6217. I'll offer them for sale sometime.

My pride and joy is a working RA-153 You could actually hook up separate antennas (vertical/horizontal?) and do dual diversity. Big though, with separate P/S

I also have some Racal freq readout units using those rotary numeric indicator tubes, plus a couple of freq synthesizers.

Oh yes, I also have a 6225 which appears to be a fixed freq unit OR alternately a slave receiver. It is same shape and size as 6217. No tuning dial(s) at all. Anyone know about it?

I have one plain old 6790-- good radio!; there was also a 6790 GM which had scanning, and then there was a 6793 with built in testing (BITE). Some went down to 10 kHz; mine starts at 500 kHz

At one time I had two 5550 series VHF/UHF receivers ( I think the model was the 5555), it tuned from 25 MHz to 1 GHz. They were \$35K new; I needed money so I sold them. Never saw any again.

You might mention that I have the expensive xtal filters for the 6778 series (\$300+ from factory) available, plus some of the 5 MHz encapsulated freq stds used in later radios, and some of the 6778 plug in modules. Not cheap, but anyone who needs them should E-mail me.

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Paul.Thekan@pgtp.varian.com (Paul Thekan)  
Subject: SCR 177B Help  
Message-ID: <199602260037.QAA05794@pgtp.varian.com>

Greetings to all

Does anyone out there have the manual for the SCR 177B. The set consisted of the BC 191 xmtr and the BC 312 & 314 receivers. What I need is info. on the PE 49 generator set that supplied the 1Kv for the 191 and 14 vdc to charge the batteries for the receivers. I've got the generator part of the set and just picked up today a 2hp gas engine that should work to power the generator. I need some photos or line drawings of what the PE 49 looked like so that I can craft as close a likeness to it as I possibly can.

Would like to find the chests for xmtr and receivers also , I know good luck. If I could find line drawings of the chests with dimensions I could try and fabricate those also. Any help or info is most appreciated.

Still no luck in finding a case for the TBW HF xmtr. Thats going to be a tougher nut to crack than I origanly thought.

Thank you  
Paul N6FEG

Paul Thekan - Speaking for Himself  
Paul.Thekan@pgtp.varian.com

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Mark Gaidos <mark\_gaidos@MENTORG.COM>  
Subject: re: SX-62 parts rig  
Message-ID: <31321AA9.4DB5@wv.mentorg.com>

Terry wrote:

>> I stopped by my local tube source and he had a 'very poor  
>> shape'  
>>SX-62 available for about \$35 or so. Said a customer had brought it in  
>>and they turned it on and it worked...but started smoking and they >>turned  
>>it off. As I said, it is in poor shape but if someone needs a parts rig

I must have come in right after Terry and liberated that rig. It's a shame that a rcvr like that has been owned by a series of idiots by the look of it. With a knob or two and a new bezel and dial pointer, it would actually be close to complete. Had no history on internal condition, so I powered it up slowly and shut it off when the resistors started cooking. I think the audio works but that's it. I'm not sure if it's worth restoring or not. I hate parting out anything that has a chance of being restored.

Mark

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: kb0qil@kb0qil-uhf.ampr.org  
Subject: Tek 661 Sampling Scope  
Message-ID: <602@kb0qil.ampr.org>

I have a Tektronix 661 Sampling scope. This instrument is up to spec., recently fully calibrated. I would like to trade for test equipment or very good and clean HF rig. I suggest for trade we each pack and pay for shipping.

73's Dan

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: temp@leper.tamu.edu  
Subject: Teletypewriters...

Subject: Re: WANTED teletype manuals

Howdy...

I'm not sure if I've got any manuals you're looking for, but I have some US Army Kleinschmidt teletypewriters and teleprinters in case you know anyone that might be interested in them...they've been government reconditioned and are in excellent condition...

73!

Tiffany

-----  
Tiffany M. Bloxom                      DANGER!!! AGGIE SKYDIVER!!! (C-25276)  
ARS: KJ5GU                              College Station, TX/Aggies Over Texas  
                                         Racer Elite 2000, Sabre 135, Microraven 135, Cypres

phantom@pro-haven.cts.com -or- temp@leper.tamu.edu  
GS/MU d-- H+ s--:>-: !g p? au+>+ a- w+ v\* C++ U-- P? L !3 E- N++ K- W+ M-- V+  
-po+ Y+ t+ 5 jx R- G? tv b- D+ B--- e+ u+(-) h f r+++@ n- x+++@  
--For the latest breaking Aggie Jokes, dial 1-800-AGGIE-IQ==  
-----

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Michael.J.Knudsen@att.com  
Subject: Re: The '39 Homebrew Rx / Notice of Unlicensed Transmitter?  
Message-ID: <9602262259.AA18990@bock.ih.att.com>

About that dial drive with the worm gear vernier --  
about 2-3 years ago I found in a corner of an antique "mall" shop,  
in heart of downtown of a highly Yuppified town,  
a very nice homebrew 2-dial set -- 3 UV199s as RF, regen-det,  
and AF. The dial drives fit your description, and each has a little  
pair of bevel gears to turn your shaft input onto the worm gear.  
Like yours, there's no need to disengage any clutches to use either  
coarse or fine tuning.

Physical construction is an outstanding piece of do-with-whatcha-got:  
the "subchassis" decks of black Bakelite are spaced with brass bolts  
with nuts at the strategic levels along the bolts.  
Very compact construction, and it WORKS on the AM-BC band.

Best part is, I paid the list price of \$39, assuming the 199s were show  
duds. Uh-uh. Odestpart is that the detector tube works best with  
ZERO to 9 VDC on the plate, and the regen control (a 90-degree  
basket-weave pair) seems to have little effect.

A few bus-bar wires have since broken loose from where they were soldered,  
as they twist their way thru 3-dimensional space in right-angle bends.  
Sorry, but this is one style of construction where more solder would've  
been better :-) To resolder the joints I'll have to take this thing halfway  
apart, or find a 8" long iron, or something.

But it is a neat piece of homebrew, with the finest of parts and  
neatnik construction. 73, mike k aa9rg

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Sandy Blaize <70401.134@compuserve.com>  
Subject: TRADE: Unusual tubes  
Message-ID: <960226032324\_70401.134\_IHD88-1@CompuServe.COM>

I have some unusual tubes in the "stock" (European types)  
for trade. For use in equipment or just 'collections'.

EBL21 (Phillips) 1 ea.  
EBC3 (Mullard) 1 ea.  
UU5 (Mazda) 7 ea.  
VP4 (Mullard) 2 ea.  
354V (Mullard) 1 ea.  
EF9 (Phillips) 1 ea.  
ECH35 (Mullard) 9 ea.  
PT15 (Marconi) 3 ea.  
RK-60 (Raytheon) 4 ea.  
EF39 1 ea  
EL38 (Mazda) 1 ea.

Most are NOS except the PT15 which are not boxed. Looking for stuff like  
201A's,  
232, 230, 234, 132, 134, 130 (100's are Arcturus "blue" types), 25T, 35T, RK18,  
RK30, RK34, RK42. Must be good or NOS.

73,

Sandy W5TVW

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: don merz <71333.144@compuserve.com>  
Subject: Trades, WTB  
Message-ID: <960226165627\_71333.144\_DHB86-4@CompuServe.COM>

For Trade and Wanted

Trades:

Hallicrafters PM-23 matching speaker for the SX-28 and others. Nice paint but  
louvers across speaker opening are rusty.  
Panoramic PCA-200 panadapter (identical appearance to Hallicrafters SP-44).  
Looks excellent or better and works perfectly. 1946-vintage.

Trade toward anything old and interesting. Military gear preferred. Especially  
looking for SCR-506 (BC-652/653 pair), RBB, RAK, RAL, etc but any trade  
ideas cheerfully considered.

Wanted: Swan 250C and NS-1 manuals. T-22/ARC-5 transmitter in near-mint,  
unmodified condition.

Don, N3RHT: 412-234-8819 EST Weekdays or here.

--

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: jmartin@hrlban1.aircrew.asu.edu  
Subject: Tube pullers  
Message-ID: <SA39+,4XAla@hrlban10.alhra.af.mil>

BA'ites,

I found a pair of clever tube pullers clipped inside an old RCA IFF set I got recently, and thought the idea was a good one to share. Virtually all 7-pin miniatures have the same envelope diameter (same holds true for 9-pin). A gripping tool that gets into very tight spaces, even down inside tube shield bases, can be made from a piece of thin wall metal tubing that barely slides down over the tube envelope. The appropriate size probably can be found in a hobby store. Cut a piece of tubing about 4 inches long and, starting at one end, saw slits down two opposing sides to within 3/4 inch of the other end. Saw another pair of slits about 1/4 inch around from the first two and remove the material between, leaving two slots, each about 1/4 inch wide, opposed by 180 degrees.

The slotted end view will sort of look like this: ( )

Slide the unslotted end down over the tube, gently squeeze the two 'handles' together, and it will grip the tube like a two-jawed collet. Works every time.  
73, John Martin  
jmartin@hrlban1.aircrew.asu.edu

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: JimP911@aol.com  
Subject: Re: TUBE REMOVING  
Message-ID: <960225204111\_431490541@mail04.mail.aol.com>

A pair of spark plug wire pliers works great. They have plastic coated grippers & are shaped like a tube. I got mine at a Western Auto store for 6 bucks.

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Terry Neal <tmneal@netcom.com>  
Subject: Wanted: Apache TX-1 Heathkit  
Message-ID: <2.2.16.19960225221238.24af9ee0@netcom.com>

Looking for excellent or better Heathkit TX-1 Apache.  
thank you in advance

Terry aa6tn  
voice phone 714-546-9602 tmneal@netcom.com



From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: William R Gustavson <WRG\_+la+rMA%RICHARDS+c\_MEDLOCK\_&\_ANDREWS@mcimail.com>  
Subject: Wanted: Hallicrafters S-29 or S-39  
Message-ID: <64960226202446/0007075250DC3EM@MCIMAIL.COM>

Looking for Hallicrafters S-29 or S-39 battery type shortwave receiver, any condition. Even bits and pieces. Thanks

Bill N5YGM

email: WRG%7075250@mcimail.com

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Andy Wallace <wallace@mc.com>  
Subject: Westford MA flea report  
Message-ID: <9602252040.AA18585@kali>

Hi, all!

Several BAers and I wound up at the Westford, MA antique radio meet. I got there at 8:00 a.m. and made several rounds. What a crowd. There was an article in the paper last week about John Terrey (of Antique Radio Classified) and I'm sure that helped the crowds. I saw a lot more sellers carrying their own stuff back than I saw buyers with armloads. At \$85 for a transistor set, what surprise is that? (The Mass sales tax police were also out in force. No doubt some dealers won't be back. Why charge sales tax on ANTIQUE stuff?)

Anyway, enough carping.

- Hammarlund HQ-160 at Rhyne, KA1CX's table: clean, \$150, sold.
- Hammarlund HQ-145-X, pretty good, asked \$150, sold \$120.
- A Howard of some kind. Tired looking...didn't check price.
- Millen Variarm VFO and plug to match 90800 tx, seller said "mint condition, \$150" and I didn't have the heart to point out the scratches and dirt to him.
- Collins KWM-1 with PS, front panel bent, looked restorable. Seller wanted \$400 but got \$350. The buyer is going to save it -- said he was going to put it in his 1960 antique car. First one of these I've seen in the flesh!
- BC-348-Q, with internal supply, no other visible mods, \$300!!!!!!!!!! "But that is negotiable." Oh, you meant

ridiculous. Silly me.

- National HRO-M in fair shape with several (unknown quantity coils) and PS and possibly speaker. Asked \$350 but was down to \$275 by 11:00. Unsold?
- Several pretty Trans-Oceanic tube sets, tan color, \$90-150. It's nice to see these in good shape.
- Abbott TR-4 two-meter tube transceiver, didn't check price but it was clean.

I didn't spend much -- bought mostly books. I got a '60 ARRL Handbook and a '46 (10th Ed.) Editors and Engineers RADIO HANDBOOK. I was very happy to find a copy of HARPER'S WIRELESS, by A. H. Verrill, (c)1913. Had to pay \$25 though. This is the book I used to check out of the local library about once a month. Great book for a boy! Have to pay more attention to the text now, though -- all spark and crystal sets, even modulating a stream of water with a carbon mike or some such alchemy. The book is long gone from the library (they have a book sale once a year and it was no doubt a bargain price) but this is definitely not the same one. No Adams Library card pocket and flattened chewing gum on the back cover. [No I did not do that.] <grin>

A few other small things -- I got a Silver Anniversary pin from National Co. for my dad's birthday (shhh!). A little early as my dad worked there after WWII. Also got a magic eye tube for my grandfather's Air Castle set, a 6SR7 to (hopefully) get the BC-348 BFO to oscillate, and I couldn't resist a blue Arcturus 126 tube even though it is supposed to have an open filament.

73,  
--Andy  
wallace@mc.com

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: aevang@cris.com (alevangelista)  
Subject: WTB ASB radar parts  
Message-ID: <199602260325.WAA20380@franklin-fddi.cris.com>

An acquaintance of mine is attempting to put together a complete ASB-6 radar unit. He recently purchased an antenna switching unit from an aircraft restoration outfit in Florida. The unit is cosmetically OK but missing some unspecified internal components. He is looking for an antenna

switching unit with complete electronics, cosmetics unimportant.

If you can help with parts or leads I will put you in touch with this gentleman. (I did pass on Ray Mote's note of 2/20 which had a lead on an ASB receiver)

Cheers, Al Evangelista (KB8WYN) aevang@cris.com

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: "Dale A. Hagert" <daleh@skypoint.com>  
Subject: WTB: 813 Sockets  
Message-ID: <313077A6.72AD@skypoint.com>

I am looking for a couple of 813 sockets to build a 160 mtr amp. If any one has some to get rid of, drop me a note at daleh@skypoint.com  
Thanks Dale NM0H

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Gene Marcus <mmarcus@hiwaay.net>  
Subject: WTB: Drake AC-4 Power Supply  
Message-ID: <01BB03BF.21A4B5A0@max4-188.HiWAAAY.net>

My wife is from Scotland and we periodically travel back to visit her =  
parents. I usually carry a rig that can be operated from a 12 V car =  
battery to put GM4YRE on the air. On our next trip, I would like to take =  
my recently restored Drake TR-4C to leave it there so I won't have to =  
carry a rig back and forth. The problem is that the previous owner =  
homebrewed a power supply that does not have a dual primary to allow it =  
to operate from 240 Volts AC. I if anyone has an AC-4 that they would =  
like to sell or trade for the homebrew PS (with extra \$ of course), I =  
would certainly like to hear from you. Heck, I may even be interested in =  
a dual primary transformer for the homebrew power supply if I can't =  
locate an AC-4.

73...Gene W3PM GM4YRE  
Huntsville, AL  
mmarcus@hiwaay.net

From boatanchors@theporch.com Mon Feb 26 10:36:49 1996  
From: Vlad Dvorkin <dvorkin@pcs.mot.com>  
Subject: WTB: German receiver tubes.  
Message-ID: <199602261427.JAA02567@iron65>

Hello BAs,

I am looking for German receiver tubes RV2P800, even dead tubes OK.  
I have RV12P2000 for trade.

Please email to Vlad at: dvorkin@pcs.mot.com  
or call 847-632-5093 (day time).

Always looking for German WWII equipment.

Thanks,  
Vladimir Dvorkin  
ex. UA3ACR

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Danny Goodman <dannyg@dannyg.com>  
Subject: WTB: HRO-500 Speaker  
Message-ID: <199602252153.NAA12587@pipebomb.noc.best.net>

This is my periodic search for a veritable hen's tooth: the external  
speaker designed for the National HRO-500 rx. There must be one in  
\_someone's\_ basement.

Danny AE9F/6  
<http://www.dannyg.com>

From boatanchors@theporch.com Mon Feb 26 03:05:41 1996  
From: Gary Mitchelson <garym@cais.cais.com>  
Subject: WTB: R390A manuals  
Message-ID: <199602251519.KAA13101@cais.cais.com>

-- [ From: Gary Mitchelson \* EMC.Ver #2.5.02 ] --

I am looking for the TM and TO for the R390A. Either I can copy or pay for a  
copy. Let me know what you have.

BTW, is there any list out there that has a relative worth for R390A's. The  
two I have are from the following contracts:

|                  |      |                        |         |
|------------------|------|------------------------|---------|
| 14214-PH-51      | 1955 | Collins Radio          | 300-400 |
| DAAB05-67-C-0155 | 1967 | Electronic Asst. Corp. | 10,000  |

--

Gary Mitchelson  
N3JPU  
[garym@racalrecord.com](mailto:garym@racalrecord.com)

Racal Recorders, Inc.

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: Frank\_Scutch-EFS003@email.mot.com  
Subject: WTD: Info on Older D104 w/ G stand  
Message-ID: <"Macintosh \*/PRMD=MOT/ADMD=MOT/C=US/"@MHS>

Hi Fellas:

A couple of weeks ago at the Orlando hamfest I picked up an older D104 with the label rivoted to the mic. The G stand that came with the mic is a little unusual in that it is unpainted aluminum with no rivoted or stick-on label. I don't see any trace of gray paint on it. It's not brushed aluminum but a polished aluminum that actually looks pretty good. Looks to me that someone either took an awful lot of time to carefully remove all the paint or it actually came this way from Astatic.

Does someone know if all G-stands were painted gray with the label or is it possible that this one is stock and it actually came this way? Thanks.

Frank Scutch, WB4AYJ  
efs003@email.mot.com

From boatanchors@theporch.com Mon Feb 26 18:22:56 1996  
From: sorgatz@avatar.tti.com (Erik K.Sorgatz)  
Subject: WTD: Manual & Schematics  
Message-ID: <9602262153.AA00303@avatar.tti.com>

WTD: Manual & Schematics for LATE PRODUCTION RUN Siltronix 1011D, this transceiver is VERY DIFFERENT from most of the 1011D's in that it has a small (2"x1.5") circuit board mounted vertically where the balanced-modulator tube had been located in the earlier designs! Also has a similar-sized board with a low-pass filter circuit added to the 8950 final section. Will pay up to \$25 for original manual or some lesser amount for high-quality, plain-paper reproduction. MUST BE COMPLETE!

advTHANKS!ance and 73!

Erik (KB6LUY)